



1743
#10
Patent

Attorney Docket: 302,670-004
(263/168)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Mark M. Wang et al.

Serial No.: 09/845,245

Filed: April 27, 2001

For: Methods and Apparatus for Use of
Optical Forces for Identification
Characterization and/or Sorting of Particles

Group Art Unit: 1743

Examiner: Not yet assigned

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Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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Respectfully submitted,

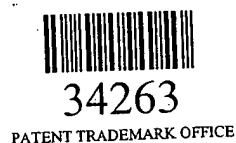
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Dated: May 23, 2003

By: David B. Murphy

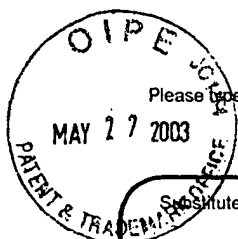
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Sheet 1 of 2

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Application Number	09/845,245
Filing Date	April 27, 2001
First Named Inventor	Mark M. Wang et al
Group Art Unit	1743
Examiner Name	Not Yet Assigned
Attorney Docket Number	0302670-00004 (form. 263/168)

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code ² (if known)			
	US-4253846		Smythe et al	03/03/81	
	US-4386274		Altshuler	05/31/83	
	US-4756427		Göhde	07/12/88	
	US-4886360		Finlan	12/12/89	
	US-5773298		Lynggaard et al	06/30/98	
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	US-6221654	B1	Quake et al	04/24/01	
	US-6224732	B1	Imasaka et al	05/01/01	
	US-6242209	B1	Ransom et al	06/05/01	
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	US-6344325	B1	Quake et al	02/05/02	
	US-6399397	B1	Zarling et al	06/04/02	
	US-6514722	B2	Palsson et al	02/04/03	
	US- 2002/0058332	A1	Quake et al	05/16/02	
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	WO	01/11333	A2	Ransom et al	02/15/01		
	WO	01/40454	A1	Koller et al	06/07/01		
	WO	01/68110	A1	Koller et al	09/20/01		
	WO	02/22774	A1	Eisfeld et al	03/21/02		
	EP	0635994	B1	Imasaka et al	09/23/98		
	EP	0556748	B1	Nishimura et al	10/28/98		
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	ASHKIN et al, "Force Generation Of Organelle Transport Measured In Vivo By An Infrared Laser Trap", Nature, 348, 11/22/90, 346-348.	
	CALDWELL, "Field-Flow Fractionation", Analytical Chemistry, 60, 17, 9/1/88, 959-971.	
	DAVIES et al, "Optically Controlled Collisions Of Biological Objects", SPIE, 3260, 1/25-28/98, 15-22.	

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	DHOLAKIA et al, "Optical Tweezers: The Next Generation", Physics World, 10/02, 31-35.	
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	IMASAKA et al, "Optical Chromatography", Analytical Chemistry, 67, 11, 06/01/95, 1763-1765.	
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	SONEK et al, "Micromanipulation & Physical Monitoring Of Cells Using Two-Photon Excited Fluorescence In CW Laser Tweezers", SPIE, 2678, 01/28-02/01/96, 62-68.	
	WANG et al, "All Optical Switching Of Biological Samples In A Microfluidic Device", International Photonics Conference 2000, 12/12-15/00, Hsinchu, Taiwan.	
	WANG et al, "Integration Of Optoelectronic Array Devices For Cell Transport & Sorting", Photonics West 2001, 01/20-26/01, San Jose, CA.	
	WEI et al, "Laser Trapping Microscopy As A Diagnostic Technique For The Study Of Cellular Response & Laser-Cell Interactions, SPIE, 2983, 02/10-11/97, 22-28.	
	ZAHN et al, "Fluorimetric Multiparameter Cell Assay At The Single Cell Level Fabricated By Optical Tweezers", FEBS Letters, 443, 1999, 337-340.	

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